

# TB CARE I

# TB CARE I - Nigeria (OP)

Year 2
Quarterly Report
October-December 2012

January 30, 2013

### **Quarterly Overview**

Nigeria OP						
KNCV						
FHI360, MSH						
30 January 2013						
Tushar Kanti Ray						
USAID Mission						
October-December 2012						

Technical Areas	% Completio
1. Universal and Early Access	74%
2. Laboratories	83%
4. PMDT	76%
6. Health Systems Strengthening	50%
7. M&E, OR and Surveillance	56%
MOT Approved Activities	80%
Reprogrammed Activities	100%
Overall work plan completion	74%

#### **Most Significant Achievements**

A highlight for the quarter was the successful completion of the renovation of the MDR TB ward in Kano and the launch by the Executive Governor of the state Engr (Dr) Rabi'u Musa Kwankwaso (see photo section). It becomes the first MDR-TB treatment center in the whole of the North Western region of Nigeria which will serve not only Kano state and all other adjoining states within the region but equally absorb overflow from other treatment centers situated outside the region. Based on the high quality of renovation work at the facility, the governor gave the commitment of his government to ensure strict maintenance of the treatment center. He consequently directed that the 52 year old facility be upgraded to the standard now set by the new MDR-TB treatment center. There are 13 (F=3) patients currently on admission at the ward.

TB CARE I has also continued to provide the support to the NTP in the coordination of the Country GeneXpert Advisory Technical (CGAT) committee meeting. Through the platform of the meeting new partners supporting the NTP with GeneXpert machines are identified and areas are mapped for the scale up. With the installation of the additional 6 GeneXpert machines, there is increased access to Xpert services. During the quarter a total of 1,619 persons were tested with Xpert MTB/RIF. 468 (29%) were diagnosed with TB (F=157) of which 125 (26.7%) patients were found to have RIF resistant TB (F=39).

TB CARE I also continued intervention on the intensified case detection practices with the training of 14 people as master trainers. Since the completion of the training a step down of the trainings were conducted for 182 persons (M=104;F=78) in 30 facilities in Kwara, Taraba and Akwa Ibom states.

#### Overall work plan implementation status

The overall work plan implementation status has increased by about a 12% increase over last quarters figure of 62%. The increase has been largely attributed to completion of about 80% of activities in the MOT as well as progress recorded on the Laboratory and PMDT activities.

workplan (approved early January).	
In-country Global Fund status and update	
in-country Giobai rund status and update	

Human resource constraints in some local government areas (LGAs) where CTBC activity is ongoing and insecurity in some parts of the country impacted negatively on early initiation and completion of some planned activities for this quarter. Plans are however in place to fast track all outstanding activities under the APA 2 approved workplan while kickstarting activities under the approved APA 3

Technical and administrative challenges

## **Quarterly Technical Outcome Report**

<b>Technical Area</b>	1. Universal and Early Acc	cess						
Expected	Outcome Indicators	Base	_	Targ		Result	Highlights of the Quarter	Challenges and Next Steps
Outcomes		Data	Year	Data	Year	Y2		to Reach the Target
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided (Population/Patient Centered Approach)	1.1.3 Patients' Charter is implemented Indicator Value: Score (0-3) based on definition	0	2011	yes	2012	1	The translation of the Patient charter into Yoruba, Hausa and Igbo languages. An artist has been engaged to do illustrations and graphic pictures for the patient charter. The process for the engagement of the printing of the charter is on.	Once the illustrations are completed the charter would be printed and distributed to the intervention sites
1.2 Increased quality of TB services delivered among all care providers (Supply)	1.2.1 Appropriate tools from the PPM Toolkit is implemented Indicator Value: Score (0-3) based definition disaggregated by the tools selected by NTP.	NSA	2007	NSA: 3	2012	3	All PPM trainings have been concluded and supervision to the sites is slated for Jan 22-25, 2013	
	1.2.5 Percentage Annual Increase in Case Notification in selected PPM facilities Indicator Value: Percentage Level: Facility level Source: Clinic records Means of Verification: TB Register Numerator: Number of TB Cases Notified in the current year - Number of TB Cases Notified in the previous year times 100 Denominator: Number of TB Cases Notified in the previous	NA	2011	15%	2012	21%		An update will be provided at as soon as information is received

<b>Technical Area</b>	2. Laboratories							
Expected	Outcome Indicators	Basel	ine	Target		Result	Highlights of the Quarter	Challenges and Next Steps
Outcomes		Data	Year	Data Year		Y2		to Reach the Target

2.1 Ensured capacity, availability and quality of laboratory testing in country needed to support the diagnosis and monitoring of TB patients	2.1.1 A national strategic plan developed and implemented for providing the TB laboratory services needed for patient diagnosis and monitoring, and to support the NTP Indicator Value: Score (0-3) based on definition.	1	2011	2	2012	1	The Lab strategic plan is still under review with the NTP and other identified stakeholders	The TA for the finalization of the plan will take place in May 2013 in APA 3.
laboratory	2.3.1 New technologies have been introduced Indicator Value: Number for each technique below by Central, Provincial, district and Peripheral levels (GeneXpert)	0	2011	15	2012	15	The additional 6 Gene Xpert machines have been installed and the sites have been supervised by a team of laboratory personnel drawn by the NTP.	
	2.3.3 Rapid tests conducted Indicator Value: Number of tests Numerator: Annual number of tests (separately for GeneXpert MTB/RIF and HAIN MTBDRplus) conducted disaggregated by national and TB CARE areas.	0	2011	9000	2012	3498 (39%)	1,619 persons accessed Gene Xpert services of which 468 were diagnosed	Data still outstanding for 3 Gene Xpert sites- Lagos Mainland, FMC Katsina and FMC Gusau

Technical Area	4. PMDT							
Expected	Outcome Indicators	Basel	ine	Target		Result	Highlights of the Quarter	Challenges and Next Steps
Outcomes		Data	Year	Data	Year	Y2		to Reach the Target

			_				
4.1 Improved	4.1.2 MDR TB patients who are	92%	2011	91%	2012	MDR program commenced late 2010.	
treatment success	still on treatment and have a	(23/25)		(50/55)		Therefore first cohort report may be	
of MDR	sputum culture conversion 6					available from NTP in Q1, 2013	
	months after starting MDR-TB						
	treatment						
	Indicator Value: Percent						
	Numerator: Number of MDR TB						
	patients in a cohort who are still						
	on treatment and had culture						
	conversion latest at month 6						
	(having had 2 negative sputum						
	cultures taken one month apart						
	and remained culture negative						
	since)						
	Denominator: Total number of						
	MDR patients who started						
	treatment in the cohort.						
	4.1.4 MDR TB patients who have	NA	2011	70%	2012	MDR program commenced late 2010.	
	completed the full course of MDR			(19/25)		Therefore first cohort report may be	
	TB treatment regimen and have			(,,		available from NTP in Q1, 2013	
	a negative sputum culture					avaas.ee	
	Indicator Value: Percentage						
	Numerator: Number of MDR TB						
	patients in a cohort who						
	completed a course of MDR						
	treatment and who fit the WHO						
	criteria for cure or completed						
	treatment						
	Denominator: Total number of						
	MDR patients who started						
	treatment in the cohort						

Technical Area 6. Health Systems Strengthening

Expected	Outcome Indicators	Basel	ine	Targ	get	Result	Highlights of the Quarter	Challenges and Next Steps
Outcomes		Data	Year	Data	Year	Y2		to Reach the Target

6.2 TB control	6.2.3 People trained using TB	291	2010	425	2012	1,989	A total of 318 persons (M=187; F=131)	
components (drug	CARE funds						were trained during the quarter on	
supply and	Indicator Value: Number of						various Intensified case detection, e-TB	
management,	people						manager; Community DOTS, Clinical	
laboratories,	Numerator: Number of people						and programmatic management of MDR	
community care,	trained disaggregated by gender						TB and the use of Gene Xpert.	
HRD and M&E)	and type of training.							
formed integral								
part of national								
plans, strategies								
and service								
delivery of these								
components								

<b>Technical Area</b>	Technical Area 7. M&E, OR and Surveillance							
Expected	Outcome Indicators	Basel	ine	Targ	get	Result	Highlights of the Quarter	Challenges and Next Steps
Outcomes		Data	Year	Data	Year	Y2		to Reach the Target
7.1 Strengthened TB surveillance	7.1.4 Percentage of planned mentoring visits performed Indicator Value: percentage Level: TBCARE I Source: reports mentoring visits and TBCARE I work plan Means of Verification: reports mentoring visits Numerator: number of mentoring visits performed Denominator: total number of mentoring visits planned	56% (9/16)	2011	80% (26/32)	2012	5/32	There were no mentoring visits conducted during the quarter. However, TB CARE with the NTP have scheduled the next round of visits for Feb/March 2013	
7.2 Improved capacity of NTPs to analyze and use quality data for management of the TB program	7.2.3 A data quality audit at central level has been conducted within the last 6 months Indicator Value: Yes/No	Yes	2011	Yes	2012	Yes	There was no data audit during the quarter	Activity to take place in Q3 of APA 3
7.3 Improved capacity of NTPs to perform operational research	7.3.1 OR studies completed and results incorporated into national policy/guidelines Indicator Value: Number (of OR studies and instances reported separately)	0	2011	2	2012	0	Activity to take place in APA 3	

## **Quarterly Activity Plan Report**

1. Universal and Ear	al and Early Access			Iniversal and Early Access						Plan Compl		
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion		Month		Cumulative Progress and Deliverables up-to-date			
1.1 Increased demand for and use of high quality TB	1.1.1	Regional workshop PCA	KNCV			100%	Nov	2011	The second Regional workshop is scheduled to take place from March 4-8th, 2013			
services and improve the satisfaction with TB	1.1.2	Supervision PCA	KNCV	5.333		0%	Sep	2012	Supervision will commence in APA3			
services provided (Population/Patient Centered Approach)	1.1.3	Quote Light Tool	KNCV	18.147		50%	Aug	2012	Since the completion of the TOTs on the 3 tools and the administration of the baseline survey, TB CARE I has followed up with the consultant to ensure the finalization of the quantitative and qualitative baseline reports. The two reports have been submitted to TB CARE I and presently has been shared with Dr Anke van der Kwwaak a KIT Consultant supporting the process in The Hague who is planning on merging the reports. The reports will be disseminated in Feb 2013.			
	1.1.4	Costing Tool	KNCV	32.853		25%	Aug	2012	The activity is being planned with the NTP and the concerned state programs for February 2013.			
	1.1.5	Patients Charter	KNCV	30.060		50%	Sep	2012	The translation of the patient charter has been concluded in 3 languages (Hausa, Yoruba and Igbo). A graphic artist was identified for the illustration of some patient charter concepts. Feedbacks on the illustrations have been given to the artist for finalization of the graphic designs. The printers have been identified for the printing of the charter and the process is ongoing.			
	1.1.6	TA Universal Access	KNCV	35.151		100%	Feb	2012	During the Joint International Monitoring Mission held from feb 7th-12th, 2012 Omer Ahmed Omer (KNCV Namibia) came to Nigeria and he focused on PMDT. The recommendations of the PMDT Group which he joined were: 1) Accelerate scale-up to meet the cumulative number of patients on treatment target as stipulated in the Nigeria DR-TB expansion plan 2) NTBLCP to convene high level meeting with the Governor of Lagos State to address nursing staff recruitments 3) Earlier discharge after sputum conversion following the new DR-TB guidelines 4) Expand PMDT referral system to other states following the roles and responsibilities of service providers as described in the DR-TB guidelines with supervisory treatment support from referring treatment center.  a. An urgent need to strengthen MDR teams and designate MDR desk officer / contact person at State level b. NTP / State programs should consider building capacity of local CSOs to assist with follow up of MDR patients in continuation phase 4) In addition to the above, consider financial and social support activities in the GF Consolidated R9 phase 2 Grant. Ineke Huitema			

Outcome	Activit y #	Activity		Approve d Budget	Cumulativ e	Month	Year	Cumulative Progress and Deliverables up-to-date
			Leader		Completio			
1.2 Increased quality of TB services delivered		National Strategic Assessment PPM	KNCV	3.200		Feb	2012	
among all care providers (Supply)	1.2.2	TA PPM	KNCV		100%	July		This activity was conducted during the Joint International Mission and it was followed up with a Skype meeting to decide the best strategies for the PPM expansion in the current plan.
		Stakeholders meeting PPM	KNCV		100%	May		All meetings held in collaboration with WHO. TB CARE I only supported additional stakeholders in most of the meetings with the exception of one State (Oyo where TB CARE I sponsored the whole participants). The PPM sites were selected by all stakeholders.
	1.2.4	Training PPM clinics	KNCV	170.232	98%	June	2012	A total of 146 GHCWs trained (M:F 68: 78) from 80 health facilities in 4 additional States this quarter. Cumulatively, total of 234 GHCWs trained from 120 private health care facilities in six States (Kano, Benue, Oyo, Lagos, Anambra and Rivers. All the facilities were linked with the respective states TBL control program for supplies of R&R tools and drugs.
	1.2.5	Supervision PPM clinics	KNCV	23.040	0%	July		This activity is currently being planned in collaboration with NTP. The supervision is slated to hold January 22nd-25th 2013 to ensure that all sites are fully activated and linked to the program management unit at the local government and are reporting through the NTP M&E system.
	1.2.6	Increased case detection (ICD)	MSH	104.531		Dec	2012	Advocacy visits were carried out to the facility management of the remaining 10 health facilities to introduce the SOP-approach for improving TB case detection, explain the approach and determine roles and responsibilities. During the advocacy visit, facility TB/HIV teams were formed in each of the 20 health facilities. Additionally,180 meetings of the facility TB/HIV teams were held in the 60-supported facilities (10 existing facilities in kano state, 20 new facilities in Akwa Ibom state, 20 facilities in Kwara state and 10 Facilities in Taraba state)during the quarter to review the progress of the SOP intervention on intensified case detection within the facilities. The project still aims to hold monthly meetings in 20 remaining health facilities.
	1.2.7	Development materials ICD	MSH	39.042	100%	Dec	2012	Additional 880 copies of A2-sized wall posters of the 9 different SOPs for case detection and table calendars of the SOPs were printed. In all 6,000 copies of the different materials were printed and distributed to the intervention sites

4.0.0	TOT ICD	MCII	71 700	1000/	1 51	2012	144
1.2.8	TOT on ICD	MSH	71.793	<b>1</b> 00%	Dec	2012	14 persons (M=10;F=4) were trained as master trainers on the SOP approach for improving TB case detection during the quarter. The objectives of the training were:  1. To develop a national pool of resources on SOP implementation  2. To develop master trainers that will cascade the training at state and LGA levels.  The master trainers facilitated the step down training to the various facilities
	Training ICD	MSH	27.225		Sep		182 health care providers (F=78) from 30 health facilities (10 each in Kwara, Taraba and Akwa Ibom states) were trained on SOP-approach for improving TB case detection. The objectives of the training were to: 1) To discuss and understand the SOP-approach for improving TB case detection 2) To discuss the understand the SOPs used at various units for improving TB case detection and; 3) To develop the framework for improving TB case detection in each facility. In all, 302 persons have been trained thus far. The facilities have commenced implementation of the SOP-approach for improving TB
1.2.10	Supervision ICD	MSH	98.014	100%	Dec	2012	75 supportive supervisions were carried out to facilities implementing SOP-approach for improving TB case detection. The supervisions were aimed at supporting the health care providers to carry out their tasks for the effective implementation of the SOP-approach for improving TB case detection. The health workers were supported to address the challenges that were identified during the supervision.
	Maintain CTBC activities	FHI	318.439		Dec	2012	The 10 CBOs/sub- CBOs responsible for implementation of CTBC activities in the 19 focus LGAs were supported to carry out targeted advocacy visits to key stakeholders as well as community outreaches. The CVs also provided treatment support through home visits to those started on treatment to reduce incidences of treatment failure. 8 quarterly LGA management committee meetings took place within this reporting quarter geared towards addressing community and facility level challenges reported by CVs and health care workers as well as recommendations for project improvement and continuity. In addition all CV trainings have been completed in all 19 focus LGAs. Health care workers 57 (F=28) from the last two LGAs were trained within the quarter. With the completion of the trainings, demonstrable improvement is expected in the delivery of quality CTBC services in view of the transition to 6 months TB treatment regimen by the National TB
1.2.12	Adapt training curriculum CTBC	KNCV	7.715	<b>1</b> 00%	Aug	2012	completed. The curriculum was adopted and used in the training of mentor /mentee

		KNCV	72.000	90%	Dec	-	TB CARE I continued to support the activities of the
	collaboration TB						mentor/mentee and PLAN Network. A total of 39
	Network						community outreaches/mobilization were conducted
							wherein communities were provided the basic
							information about basic signs and symptoms of TB.
							Likewise radio jingles on creating awareness on TB are
							ongoing. Visits were also paid to the palaces still in a bid
							to create awareness in the community. Through these
							means a total of 417 (F=197) TB suspects were referred
							and 24 patients (F=12) are currently being managed by
4.244		141014	10.670	1000/			
1.2.14	•	KNCV	10.6/3	100%	Aug	-	Two mentors organization (Kaduna and Rivers) and 4
	collaboration TB						mentee organizations were identified from 4 additional
	Network						states for the expansion ( Katsina, Kano, Cross-Rivers
							and Bayelsa). 13 participants were trained (F=5). The
							mentor /mentee organizations have developed their
							workplans and are currently being reviewed. This
							organizations will be provided with seed funding in APA3
							for implementation of CTBC activities in identified
							communities.
			lí (	740/			

2. Laboratories						Plan Comp		
Outcome	Activit y #	Activity	Activit y Leader	d Budget	Completio	Month	Year	Cumulative Progress and Deliverables up-to-date
2.1 Ensured capacity, availability and quality of laboratory testing in country needed to support the diagnosis and	2.1.1	Provision of microscopes	KNCV	57.563	75%	Sep		TB CARE I loaned 45 microscopes from NTP since July 2012 to enable the new labs commence activities. However, till date the procurement of the 60 microscopes is still being awaited from the HQ. KNCV to fast track delivery of microscopes.
monitoring of TB patients	2.1.2	Training PPM labs	KNCV	96.312	91%	Aug	2012	Completed. Laboratory sites will be visited during the planned supervisory visits
	2.1.3	Supervision PPM labs	KNCV	5.760	0%	July		This activity is currently being planned in collaboration with NTP. The supervision is slated to hold January 22nd-25th 2013 to ensure that all sites are fully activated and linked to the program management unit at the local government and are reporting through the NTP M&E system.
	2.1.4	TA Lab Network	KNCV	36.898	100%	Aug		completed. Consultants supported the development of the strategic plan in the week of the 28th of Aug. Currently the draft plan is being reviewed by all stakeholders and to be finalized with support in APA 3.
Outcome	Activit y #	Activity	Activit y Leader	Approve d Budget		Month	Year	Cumulative Progress and Deliverables up-to-date

2.3 Ensured optimal use of new approaches to the laboratory confirmation of TB and incorporation in national strategic lab plans	2.2.1	Coordination meetings GCAT	KNCV	8.640	100%	Dec	2012	All the meetings were held. The CGAT meeting has continued to provide opportunity for the NTP to coordinate the effective roll out of Gene Xpert. In the last meeting, additional partners supporting Gene Xpert were identified (CDC, USAID) are making additional procurement of additional 8 Gene Xpert machines through their partners in Nigeria. The meeting mapped out all the currently existing sites and identified new states for implementation in 2013. By implication all the 36 states and FCT would have at least one machine in 2013. other areas agreed on during the meeting were the standardization of the algorithm for the use of Gene Xpert among PLHIVs; ensuring quarterly reports are routed through state program manager s to NTP and coplanning of supervision and commodity management among all stakeholders.
	2.2.2	Expansion GeneXpert	KNCV	229.667	100%	Dec	2012	All 6 machines have been installed making a total cumulative of 15 machines procured by TB CARE I. In all, a total of 1,619 persons accessed Gene Xpert services of which 468 (29%) were diagnosed with TB (M=311;F=157) and 125 (26.7% of MTB+) persons were found to be RIF resistant (M=86:F=39).
	2.2.3	Logistics support GeneXpert	KNCV	8.000	100%	Jun	2012	All machines and cartridges are stored in the CMS of USAID at the moment in Abuja. Quarterly disruption plan is developed based on utilization as reported on the quarterly report form for each site.
		Training GeneXpert	KNCV		100%	Dec		The last Gene Xpert machine has been installed in Bauchi. A total of 11 staff (M=10; F=1) were trained on the use of the machine. Cumulatively a total of 58 persons (M=44;F=14) have been trained.
	2.2.5	Supervision GeneXpert	KNCV	26.000	<b>8</b> 0%	Dec	2012	Visits were paid during the quarter to the 6 new sites that were initiated. The purpose was to assess the functionality and capacity of staff; review record keeping and maintenance of machines. Staff were provided on the job trainings in the use of R&R tools and making electronic back ups.

4. PMDT						Plan	ned		
						Compl	letion		
Outcome	Activit	Activity	Activit	Approve	Cumulativ	Month	Year	Cumulative Progress and Deliverables up-to-date	
	y #		у	d Budget	е				
			Leader		Completio				

4.1 Improved treatment success of MDR	4.1.1	Renovation National Reference Laboratory	FHI	684.912	70%	Dec		The various components of the HVAC equipment started to arrive the country in the previous quarter with the last bits received and delivered to site within this reporting quarter. With this process completed and contract for engagement of the consultant in its last stages, installation is due to commence in the coming days with expected completion date put at the last week in February, 2013. Also most of the lab supplies have been received based on the purchase orders issued to vendors.
	4.1.2	Renovation Zonal Reference Laboratory	FHI	260.000	80%	Dec		This reporting period witnessed steady progress towards completion of all outstanding civil works stalled by the contractor originally engaged to deliver the project. After series of communications and failed attempts to get him back to sight, formal processes for termination of all contractual obligations were put in place within this reporting quarter and a new contractor engaged. Renovation works were re-started with all civil works reaching advanced stages of completion. Civil works progressing with completion expected by the last week in January, 2013.
	4.1.3	Supplies ZRL	FHI	380.120	50%	Dec		The procurement processes were concluded within the previous quarter and delivery would have been completed within the reporting period except for some frustrations experienced with a few of the vendors which necessitated a re-bid of the items and issuance of fresh purchase orders. Selection of suitable vendors completed within the reporting quarter with purchase orders issued to the successful vendor. Delivery to site will be expedited to ensure installation alongside completion of
	4.1.4	Training ZRL	FHI	2.771	0%	Dec	2012	To be carried out within the current quarter (Q1, 2013)
	4.1.5	Supervision ZRL	FHI	15.588		Dec		With the discharge of 9 patients within the reporting quarter from Mainland Hospital ward, plans are in top gear to follow them up and ensure smooth integration into their host communities. Current batch of discharged patients are eligible to be tracked in the next quarter and supported to integrate into the community.
	4.1.6	Renovation MDR Treatment Centre (TC)	FHI	141.368	100%	Dec		Despite political/religious crisis, contractors forged ahead with renovation works thereby reaching 100% completion within the reporting quarter. The state government has supported the facility with equipment and other supplies including an x-ray machine. The site was commissioned on Nov 1, 2012 by the Executive
	4.1.7	Supplies MDR TC	FHI	26.667	100%	Aug		All IC materials comprising N95 respirators, respiratory fitting apparatus needed in Kano MDR TB ward were procured and supplied within the quarter. Activation of Kano MDR TB treatment center after commissioning by the Honorable Governor. Setting up within the facility MDR TB management committee to provide leadership and governance in terms of patient management.

4.1.8 Training MDR TC FHI 171.071 50% Dec 2012 During the quarter, FHI 360 funded the training of 33 (F=19) General health care workers and 5 FHI staff on clinical and programmatic management of DR-TB. The training was done in collaboration with Damien	
Foundation Belgium and the NTBLCP. The refresher training of HCW on IC will be conducted next quarter.	he
4.1.9 Supervision MDR TC  4.1.9 Supervision MDR TC  Supervision MDR TC  And the supervision MDR TC  And the supervision MDR TC  Supervision MDR TC  And the supervision MDR TC  Refresher capacity building for 12 staff of DLHMH, Calabar and 5 staff of Lagos Mainland Hospital throug exchange bench mark hands on training was successful completed in the last reporting quarter (27th - 29th March, 2012) (F=14). The training served as an exchange visit for staff of both facilities who were take to UCH, Ibadan. Training sessions were facilitated by Damien foundation, Belgium. Continuous on site mentorship and supervision would be carried out to facility staff in ensuring quality MDR TB service provision.	sfully ken y
4.1.10 TA MDR  FHI  50.228 85%  Dec  2012 Monthly expert MDR-TB management committee meetings were held at Mainland Hospital Yaba, Lagos at FHI staff from the CO who were in attendance provided Technical Assistance. Also on the 28th of Dec, 2012 at review meeting was held in DLHMH Calarbar were the NTBLCP was in attendance. List of DR TB suspects were reviewed and updated during the reporting period. Additionally, the country office team carried out individual and joint monitoring and supervisory visits to the various states supported by TB CARE to assess the work ongoing across all TB thematic areas. The visits included mentoring visits to GBOs to train them on the CTBC processes and tools, visits to facilities to assess level of care offered to clients referred to the facilities well as visits to all MDR TB diagnostics and treatment centers undergoing renovations and undertaking clinic management of DR TB clients currently on admission.	s and ded a TB ne NC was sto the state as the es as as nt nical
4.1.11 TA PMDT Network KNCV 12.436 100% Aug 2012 TA was provided by Victor Ombeka to the NTP and IHV supporting the MDR TB activity for a period of one wee Areas supported were on clinical management, M&E, fi management of MDR TB patients, LMIS for 2nd line dru and reviewing of community DR TB guideline.	eek. , field
4.1.12 Electronic reporting MDR  MSH  135.815 100%  Dec  2012 21 persons (F=1) from 9 DR-TB treatment and diagnost centres were trained on e-TB manager. The aim of the training was to develop capacity for the uploading of investigation results as well as DR-TB patients data. In all 43 person have been trained. Furthermore, 4 mentoring visits to support health workers on the use	he f In
e-TB manager was carried out.	

6. Health Systems Strengthening		Planned	
		Completion	

Outcome	Activit y #	Activity		Approve d Budget	Cumulativ e Completio	Month	Year	Cumulative Progress and Deliverables up-to-date
6.2 TB control components (drug supply and management,	6.1.1	Training L&M	MSH	98.109	<b>0</b> %	Nov	2012	Activity to be conducted in Q1, 2013
laboratories, community care, HRD and M&E) formed integral part of national plans, strategies and service delivery of these components		Annual workplan meeting NTBLCP	KNCV	6.180	100%	Sep		During the NTP program annual review meeting progress and performance of all the state programs were assessed and the NTP identified challenges and action points for 2013. Included were strengthening of laboratory networks, effective implementation of community TB CARE; strengthening the logistic support for sputum and patient movement of PMDT; increasing capacity for enrolling more patients by identifying additional 4 wards in 2013.
					<b>—</b>			

7. M&E, OR and Surveilla	ince					Plan Comp		
Outcome	Activit y #	Activity		Approve d Budget		Month	Year	Cumulative Progress and Deliverables up-to-date
7.1 Strengthened TB surveillance	7.1.1	Supervision Coordination Meetings	KNCV	28.512	50%	Sep	2012	The activity is scheduled to take place on Jan 21st 2013
	7.1.2	Mentoring visits	KNCV	49.067	<b>2</b> 5%	May		The activity has been re-scheduled between Feb and March 2013 in collaboration with the NTP
Outcome	Activit y #	Activity		Approve d Budget	Cumulativ e Completio	Month	Year	Cumulative Progress and Deliverables up-to-date
7.2 Improved capacity of NTPs to analyze and use quality data for	7.2.1	National M&E Technical Working Group	KNCV	20.403	<b>5</b> 0%	May	2012	The activity is scheduled to take place on January 17th, 2013
management of the TB program	7.2.2	Semi-annual Data Audit	KNCV	20.000	50%	Sep	2012	The activity is scheduled for Q2 of APA 3
Outcome	Activit y #	Activity		Approve d Budget	Cumulativ e Completio	Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operational research	7.3.1	Establishment National Research Committee	KNCV	20.267	<b>7</b> 5%	Aug	2012	One meeting was previously held and another one is scheduled for Jan 30th 2013
	7.3.2	Establishment Internal Review Board NTBLCP	KNCV	896	<b>0</b> %	May		There is an existing FMOH National Health Research Ethics Committee that the project can use and therefore funds for this activities will be reprogrammed.

	Support Operational Research	KNCV	50.043	100%	Jul		The 16 participants that were trained are still working on finalizing their research protocol to be supported for implementation in APA 3.
7.3.4	TA OR	KNCV	53.596	100%	Jul		Ellen Mitchell & Eveline Klinkenberg scheduled and visited in July. Activity was previously reported on in October.
				56%		_	

**Activities Approved in MOT** 

Outcome	Activit y #	Activity	Activit y Leader	Approve d Budget	mulativ e mpletio	Month	Year	Cumulative Progress and Deliverables up-to-date
6.2 TB control components (drug supply and management, laboratories, community care, HRD and M&E) formed integral part of national plans, strategies and service delivery of	0.0.5	Office Costs - Repainting TB Ward Kano I.D.H. hospital	KNCV	6,250	100%	Jul	2012	Completed. The MDR ward has since been commissioned by the Governor of the state.
	2.3.6.1 2.3.6.2 2.3.6.3 2.3.6.4 2.3.6.5 2.3.6.6	1 -day orientation for General Health Care Workers on DR- TB diagnosis & referral system	KNCV	32,244	100%	Dec		Trainings were conducted in the 6 zones and GHWs were trained on suspecting MDR TB, diagnosing and referring of patients . The training was aimed at improving the Knowledge and skills of TBLS and GHCWs on the current policy of the STOP TB Strategy and the DR-TB strategic frame work. In all, a total of 69 persons (F=30) were trained from the 6 geo political zones (SS; SE, SW, NC, NE and NW).
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided	1.1.7	Baseline Implementation of Baseline Survey on P.C.A. Tools by NTBLCP	KNCV	25,348	100%	Dec		The quantitative baseline survey have been completed and the reports received from the Consultant. The report of the qualitative baseline have also been written by TB CARE I Senior M&E Advisor. Both reports have however been shared with Anke in the Hague for integration.
(Population/Patient Centered Approach)	1.1.8	Implementation of End line Survey on P.C.A. Tools by NTBLCP	KNCV	27,811	0%	Dec	2012	Activity to be implemented in APA 3
4.1 Improved treatment success of MDR	4.1.9	Supervision MDR TC	FHI	18,764	100%	Nov	2012	Completed. Two members of the FHI TBCARE team attended the 4 days international TB conference held in Malaysia.
			•	•	80%			

7.1.6	IT support for E- TB Manager	MSH	100%	Apr		10 desktop computers, UPS and internet modems were procured and distributed to various centers using the e-TB Manager as follows:  1. University College Hospital, Ibadan  2. Government Chest Hospital, Jericho, Ibadan  3. Mainland Hospital, Lagos  4. Zankli Medical Centre, Abuja  5. National Tb and Leprosy Control Programme, Abuja  6. National TB and Leprosy Training Centre, Zaria  7. University College Hospital, TB Culture and DST lab  8. Lawrenhence Henshaw Memorial Hospital, Calabar  9. Nigeria Institute of Medical Research, Lagos  10. Aminu Kano Teaching Hospital, Kano
7.1.7	Building state human resource capacity for E-TB Manager	MSH	100%	Sep		71 State TB programme and M&E officers were trained on the use of e-TB Manager. The objectives of the training were to:  1. To re-orient STBLCOs and acquaint State M&E officers on the programmatic approach to DR-TB suspect management  2. Learn how to use essential DR-TB recording and reporting tools  3. Explain the use of e-TB Manager for the management of DR-TB suspects & cases, 2nd line drugs and for data flow and surveillance  4. Provide hands on experience with data entry on the e-TB Manager The trained officers will notify DR-TB suspects and monitor patient's treatment during the continuation phase using the e-TB Manager
1.3.8	World TB Day celebrations	MSH	100%	Mar	2012	
1.1.17	SOPs on data discrepancies	MSH	100%	Sep		A workshop of 16 participants (2 females and 14 males) was held to develop Standard Operating Procedures that will help improve the quality of data collected at all levels. The main objectives of the workshop were to develop tools that will assist in preventing discrepancies and where they occur that will provide step by step procedure to address these discrepancies at all levels of the programme.
	Consultancy for SOPs implementation in Kano state	MSH	100%	May	2012	

## **Quarterly MDR-TB Report**

nber 20	October-Decemb	Period	Nigeria OP	untry	
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## MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment
Jan-Dec 2010		23
Total 2011	92	61
Jan-Mar 2012	54	21
Apr-Jun 2012	77	56
Jul-Sep 2012	54	36
Oct-Dec 2012		
<b>Total 2012</b>	185	113

### **Quarterly Photos (as well as tables, charts and other relevant materials)**



A view of the MDR Ward in Kano



Inside Kano MDR Ward



The ultra-modern MDR-TB treatment center was commissioned on November 1, 2012 by the Executive Governor of Kano State, Engr. (Dr) Rabi'u Musa Kwankwaso. The NTP National Coordinator (left) was on hand to assit the Governor of the state

### **Inventory List of Equipment - TB CARE I**

Organization: TB CARE I
Country: Mozambique
Reporting period: October-December 2012
Year: APA 2



## TB CARE I

#	Project	Description	Brand	Туре	Serial Number	Engine Number	Vendor	Chassis Number	Date of Purchase	Currency	Amount	Localisation	Status	State	City	Hospital
1	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A	VNC3VI5706		De Law Tech		5-Dec-11	NGN	30.000	Lagos	Good	Lagos	Lagos	N.I.M.R., 12 December 2011
2	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A	VNC3VI4193		De Law Tech		5-Dec-11	NGN	30.000	Lagos	Good	Lagos	Lagos	Mainland Hospital, 12 December 2011
3	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A	VNC3309678		De Law Tech		5-Dec-11	NGN	30.000	Abakaliki	Good	Eboniyi	Abakaliki	Mile 4, 13 December 2011
4	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A	VNC3310465		De Law Tech		5-Dec-11	NGN	30.000	Benin City	Good	Edo	Benin City	Central Hospital, 13 December 2011
5	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A	VNC3VI3641		De Law Tech		5-Dec-11	NGN	30.000	Gombe	Good	Gombe	Gombe	State Specialist Hospital, 19 December 2011
6		Laser Printer	HP	Laser Jet Pro P 1102W CE657A	VNC3VI3655		De Law Tech		5-Dec-11	NGN	30.000	Zaria	Good	Kaduna	Zaria	NTBLCT, 20 December 2011
7	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A			De Law Tech		5-Dec-11	NGN	30.000	Abuja	Good	FCT	Abuja	Zankli Hospital, 22 December 2011
8	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A			De Law Tech		5-Dec-11	NGN	30.000	Office	Good	Oyo	Ibadan	Jericho Chess hospital Ibadan
9	TBCARE I	Laser Printer	HP	Laser Jet Pro P 1102W CE657A			De Law Tech		5-Dec-11	NGN	30.000	Office	Good	Kano	Kano	IDH, Kano
10	TBCARE I	Blackberry	Blackberry	Curve 9300	358966045377009				19-Dec-11	SA Rand	2.800	Office	Good	FCT	Abuja	
11	TBCARE I	Cupboard					Vernacular Nig. Ltd.		14-Mar-12	NGN	177.200	Office	Good	FCT		
12	1	Cupboards & repairs furniture					Vernacular Nig. Ltd.		24-Apr-12	NGN	218.350	Office	Good	FCT		
13	TBCARE I	Binding machine					De law tech		25-May-12	NGN	20.000	Office	Good	FCT		
14	TBCARE I	Office Camera	Nikon	Coolpix P510	40019613		Mediamarkt		16-Jul-12	\$	506	Office	Good	FCT		
15	1	Dell Latitude Laptop S6420 Dr Gidado	Dell				De law tech		28-Feb-12	NGN	175.000	Office	Good	FCT		
16	TBCARE I	Hard disc					De law tech		09-Aug-12	NGN	15.000	Office	Good	FCT		
17	TBCARE I TBCARE	Laptop Mrs Jumoke	Sony	SVS131B12M	27554205 5000048		Expert		30-Aug-12	EUR	755,46	Office	Good	FCT		
18	I TBCARE	Laptop Mr Johan	Sony	PCG-4121GM	27553820 5000011 CN-O7TKK5-72875-ICV-		Aces Direct		02-May-12	EUR	1.241,77	Office	Good	FCT		
19	I TBCARE	GeneXpert machine		801910	CUAI		Cepheid	JB68YRI	20-Jun-12	\$	17.000	Birnin Kebbi	Good	Kebbi	Birnin Kebbi	Federal Medical Centre, 14 September 2012
20	I TBCARE	Laser Jet Printer	HP		VNC3V17878		De law tech		14-Sep-12	NGN	30.000	Birnin Kebbi	Good	Kebbi	Birnin Kebbi	Federal Medical Centre, 14 September 2012
21	I TBCARE	Microscope	Olympus	CX21FS1-5	OL81161		NTBLCP		28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
22	I TBCARE	Microscope	Olympus	CX21FS1-5	OK87369		NTBLCP		28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
23	I TBCARE	Microscope	Olympus	CX21FS1-5	OK87403		NTBLCP		28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
24	I TBCARE	Microscope	Olympus	CX21FS1-5	OK87406		NTBLCP		28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
25	I TBCARE	Microscope	Olympus	CX21FS1-5	OK87611		NTBLCP		28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
26	I	Microscope	Olympus	CX21FS1-5	IC89816		NTBLCP		28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012

27		Microscope	Olympus	CX21FS1-5	IC89805	NTBLCP	28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
28		Microscope	Olympus	CX21FS1-5	OF82397	NTBLCP	28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
29	TBCARE I	Microscope	Olympus	CX21FS1-5	OF82390	NTBLCP	28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
30	TBCARE I	Microscope	Olympus	CX21FS1-5	OK87588	NTBLCP	28-Aug-12			Kano	Good	Kano	Kano	Control Programme, 28 September 2012
31	TBCARE I	Split Air Conditioner	LG	04EN6627-FA-4 (810/102)	004 NLXZ000810	KNCV	31-Jan-11			Office	Good		Abuja	
32	TBCARE I	Split Air Conditioner	LG	091SOO470ZRND009	009HATH00673	KNCV	31-Jan-11			Office	Good		Abuja	
33	TBCARE I	Split Air Conditioner	LG	06EN0110-FA-3 (1074/102)	006NLYX001074	KNCV	31-Jan-11			Office	Good		Abuja	
34	TBCARE I	Split Air Conditioner	LG	06EN0112-FA-3 (1300/102)	006NLEK001300	KNCV	31-Jan-11			Office	Good		Abuja	
35	TBCARE	Split Air Conditioner		091S00470ZRND	009HAWS00729	KNCV	31-Jan-11			Office	Good		Abuja	
36	TBCARE	•	LG	061S0115ZRND	006HAXC00058	KNCV	31-Jan-11			Office	Good		-	
	TBCARE	•											Abuja	
37	TBCARE	•	LG	091S00470ZRND	009HAUJ00486	KNCV	31-Jan-11			Office	Good		Abuja	
38	I TBCARE	Split Air Conditioner	LG	091S00470ZRND	009HAQV00644 CN-07TKK5-72875-ICV-	KNCV	31-Jan-11			Office	Good		Abuja	University of Uyo Teaching
39	I TBCARE	GeneXpert machine			CU71	Cepheid	20-Jun-12	\$	17.000	Uyo	Good	Akwa Ibom	Uyo	Hospital, 14 September 2012 University of Uyo Teaching
40	I TBCARE	Laser Jet Printer	HP		VNC3V16395	De law tech	14-Sep-12	NGN	30.000	Uyo	Good	Akwa Ibom	Uyo	Hospital, 14 September 2012 State Specialist Hospital, Akure,
41	I	GeneXpert machine			CN-07TKK5-72872-22B	Cepheid	20-Jun-12	\$	17.000	Akure	Good	Ondo	Akure	26 September 2012
42		Laser Jet Printer	HP		VNC3V13616	De law tech	14-Sep-12	NGN	30.000	Akure	Good	Ondo	Akure	State Specialist Hospital, Akure, 26 September 2012
43	1	GeneXpert machine			CN-07TKK5-7287213- 2HZ1	Cepheid	20-Jun-12	\$	17.000	Katstina	Good	Katsina	Katsina	Federal Medical Centre, 24 September 2012
44	TBCARE I	Laser Jet Printer	HP		VNC3V13649	De law tech	14-Sep-12	NGN	30.000	Katstina	Good	Katsina	Katsina	Federal Medical Centre, 24 September 2012
45	TBCARE I	GeneXpert machine			CN-07TKK5-72872-ICV- CT21	Cepheid	27-Aug-12	\$	17.000	Gusau	Good	Zamfara	Gusau	Federal Medical Centre, 2 October 2012
46		Laser Jet Printer	HP		VNC3309656	De law tech	14-Sep-12	NGN	30.000	Gusau	Good	Zamfara	Gusau	Federal Medical Centre, 2 October 2012
47	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	1E83374	NTBLCP	2-Aug-12			Osun	Good	Osun	Osun	llesa West, 5 June 2012
48	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	1E83301	NTBLCP	2-Aug-12			Oyo	Good	Oyo	Eruwa	Awojobi Lab. Eruwa, 10 July 2012
49	TBCARE I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
50	TBCARE I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
51	TBCARE I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
52	TBCARE	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
	TBCARE	·	, ,				-			DFB				
53	TBCARE	·	Olympus	CX21FS1-5		NTBLCP	2-Aug-12				Good			
54	<b>TBCARE</b>	Microscope + cases		CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
55	TBCARE	Microscope + cases		CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
56	I TBCARE	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
57		Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			
58		Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good			

	TBCARE											
59	I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
60	TBCARE I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
61	TBCARE I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
62	TBCARE	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
	TBCARE	,	, ,				· ·					
63	TBCARE	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
64	I TBCARE	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
65	I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
66	I	Microscope + cases	Olympus	CX21FS1-5		NTBLCP	2-Aug-12			DFB	Good	
67	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	OK87591	NTBLCP	29-Aug-12			Benue	Good	Benue
68	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	OK87601	NTBLCP	29-Aug-12			Benue	Good	Benue
69	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	OK87454	NTBLCP	29-Aug-12			Benue	Good	Benue
03	TBCARE	•	Olympus	0/211 01-0	01(07404	NIBEOI	20-Aug-12			Denue	Good	Dende
70	I TBCARE	Microscope + cases	Olympus	CX21FS1-5	OF82409	NTBLCP	29-Aug-12			Benue	Good	Benue
71	I	Microscope + cases	Olympus	CX21FS1-5	OK87355	NTBLCP	29-Aug-12			Benue	Good	Benue
72	I	Microscope + cases	Olympus	CX21FS1-5	OK87775	NTBLCP	29-Aug-12			Benue	Good	Benue
73	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	IC89820	NTBLCP	29-Aug-12			Benue	Good	Benue
74	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	IC89808	NTBLCP	29-Aug-12			Benue	Good	Benue
75	TBCARE	Microscope + cases	Olympus	CX21FS1-5	IC89818	NTBLCP	29-Aug-12			Benue	Good	Benue
75	TBCARE	•	Olympus	0/211 01-0	1003010	NIBEOI	20-Aug-12			Denue	Good	Dende
76	I	Microscope + cases	Olympus	CX21FS1-5	OH89588	NTBLCP	29-Aug-12			Benue	Good	Benue
77	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	OH89575	NTBLCP	17-Sep-12			GLRA	Good	
78	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	OK87838	NTBLCP	17-Sep-12			GLRA	Good	
79	TBCARE I	Microscope + cases	Olympus	CX21FS1-5	OL81155	NTBLCP	17-Sep-12			GLRA	Good	
00	TBCARE		Ob	0.004.504.5	01/07000	NTDI OD	47.0 40			OLDA.	0	
80	TBCARE	Microscope + cases	Olympus	CX21FS1-5	OK87606	NTBLCP	17-Sep-12			GLRA	Good	
81	I TBCARE	Microscope + cases	Olympus	CX21FS1-5	IC89823	NTBLCP	17-Sep-12			GLRA	Good	
82	I	GeneXpert machine				Cepheid	27-Aug-12	\$	17.000	Office	Good	
83	TBCARE I	Laser Jet Printer	HP			De law tech	14-Sep-12	NGN	30.000	Office	Good	